MISSION DATA CARD			
OPORD	Callsign	Mission	Date/Time
734/2022	Edelweiss 1	Training	282000MAR22

Task	Formation Procedures II (Night)	Freq
AO		264.15

Departure	Recovery
FYTTR THREE	HI-TACAN Y RWY 21L

#	Callsign	Pilot	IFF	TCN	LSR	NET

LOADOUT			
A/A	2xA9X, A120C	GUN	100% HEI-T
A/G		CHF	60
POD	TGP	FLR	60
TKS	FPU-8A	FUEL	100%

TOLD					
	Takeoff	Target	Joker	Bingo	Land
FUEL	13047				

AIRBASES								
	Name	TCN	ATIS	GND	TWR	RWY	Elev	ILS
Dep	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Arr	Nellis AFB	12X	270.1	275.8	327.0	21L	1850	109.1
Div	Creech AFB	87X	290.45	275.8	360.6			

FLIGHTPLAN				
#	Name	Navaid/Coords/DME	ALT	TOT
1	FYTTR	LSV 269/33 (N36 21.440 W115 41.470)	14000	
2	JAYSN	N36 34.425 W116 02.444	20000	
3	Beatty	N36 48.540 W116 44.860	20000	
4	Creech AFB	N36 35.200 W115 40.120	15000	
5	HULPU	N36 24.346 W114 50.729	5500	
6	Nellis	N36 14.680 W115 01.500	1800	

COMMS	
Radio	Usage
1	(11); 275.800 (3) ; 327.000 (4) 377.800 (16)
2	MIDS A 20 ; B 110

NOTES

- TO 30 sek spacing
- CV Rendezvous by Jayson
- Cruise Formation Turns - Parade Formation - Box crossunder
- Breakup 3 sek
- Running rendezvous
- Lead change
-Section overhead entry and landing

SUPPORT					
Tanker					
Callsign		TCN	Freq	ALT	TAS
ARCO 1		113Y	319.8	FL250	450
	Pos	AR-625: MVA 168/77 (N3717 W11802)			
SHELL 2		115Y	360.8	FL250	430
	Pos	AR-635: MLF 260/127 (N3831 W11542)			

OTHER FLIGHTS							
Callsign	Mission	Airframe	Freq	TCN	GrpId	Laser	
Tiger 2	Training	2x F/A-18C	261.15	11/74		155X	
AO		Task					
BamBam 6	Training	4x AH-64D	35.35	21/84		156X	
AO	KLSV	Task	Night OPS				
Rattler 2	Training	4x AH-64D	261.25	21/84		156X	
AO	Nellis, Winner LZ	Task	Night Ops				
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X	
AO	Range 75-15	Task	A/G IR MAV Range 75-15 Convoy				
Monster 1	Training	4x A-10C	131.15	25/88	21	161X	
AO	Range 64-A	Task	LGB/BDL				
Chevy 4	Training	2x A-10C	131.25	21/84	22	156X	
AO	Range 64-B	Task	LGB/BDL				
T-Rex 2	Training	2x A-10C	131.35	27/90	25	165X	
AO	Range 62-B	Task	LGB/BDL				
Tiger 3	Training	4x F/A-18C	261.35	11/74	3	155X	
AO	Range 75-15	Task	A/G IR MAV Range 75-15 Convoy				
Tiger 1	Training	4x F/A-18C	261.15	11/74	1	155X	
AO	Range 75-15	Task	A/G IR MAV Range 75-15 Convoy				
Lion 1	Training	2x F-16C	134.0	11/74	1	155X	
AO	Range 66-01	Task	A/G / GBU-12 Delivery				

RADIO CHANNELS		
#	Freq	Name
1		Flight/Squadron specific
2	289.4	Nellis Clearance Delivery
3	275.8	Nellis Ground
4	327.0	Nellis Tower
5	385.4	Nellis Approach/Departure West
6	273.55	Nellis Approach/Departure East
7	317.525	Nellis Control -- Sally
8	254.4	Nellis Control-- Lee
9	305.6	SOF Bullseye
10	343.725	EMERGENCY SINGLE FRQ
11	270.1	Nellis ATIS
12	360.625	Creech AFB Tower
13	250.1	HAVE QUICK 13
14	251.1	HAVE QUICK 14
15	252.1	HAVE QUICK 15
16	377.8	Blackjack
17	265.0	KC-135 AR-641A
18	360.8	KC-135MPRS AR-635
19	319.8	KC-135MPRS AR-625
20	300.05	KC-135 AR-231V

RAMROD									
0	1	2	3	4	5	6	7	8	9
N	I	G	H	T	C	L	U	B	S

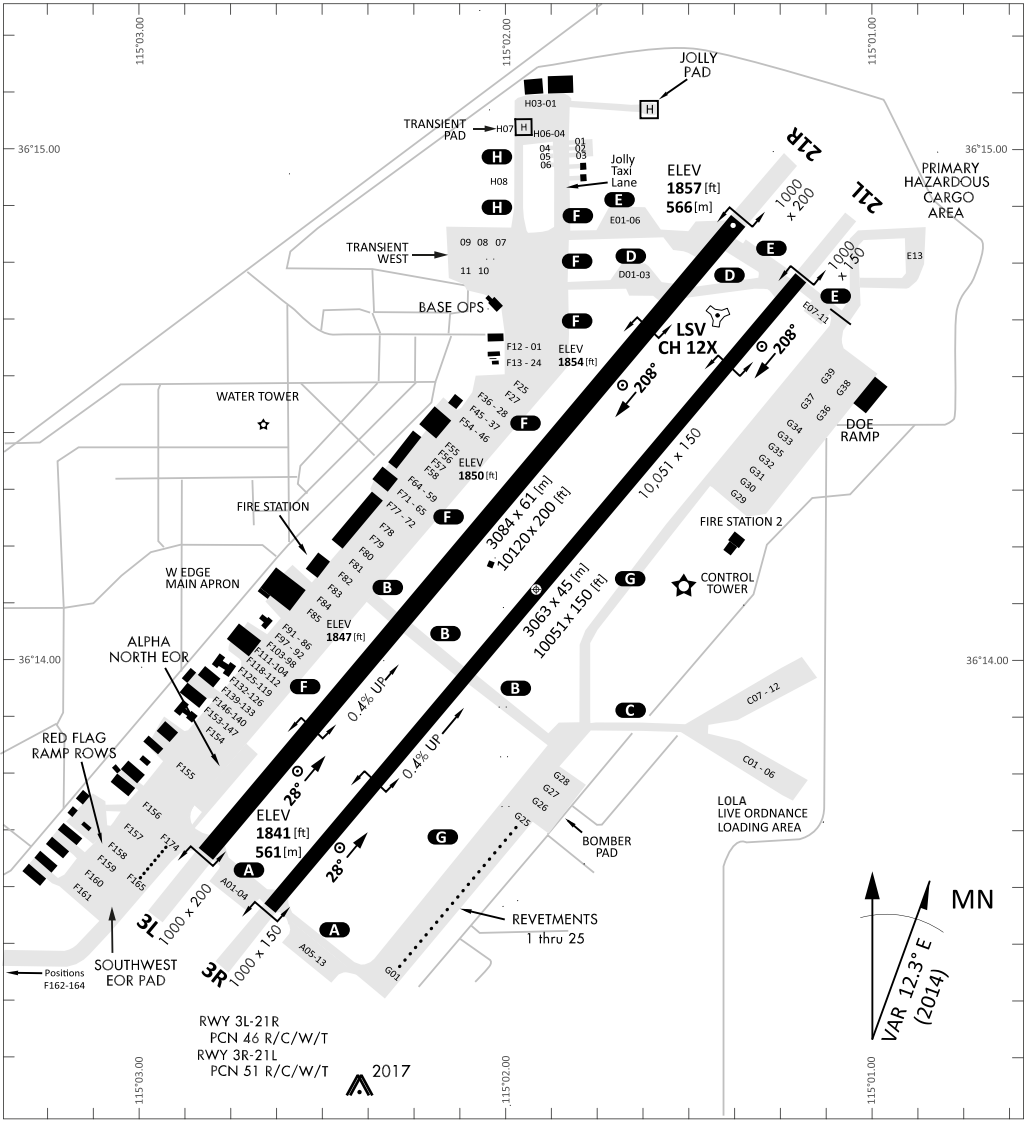
KTC 1400 C										
	0	1	2	3	4	5	6	7	8	9
A	EUGD	BHA	XLM	FQ	JV	ITP	CK	YS	NW	RO
B	NQCM	KJL	XFE	PR	VI	AUY	SO	HG	WB	TD
C	IAUC	QMS	RYV	TG	KW	PFO	XE	JH	NB	LD
D	BYDO	HRQ	NJF	AT	MG	CLW	VU	SI	XP	EK
E	CWJD	QKA	XPU	YT	NE	IOL	RH	VM	BF	SG
F	FUAM	PNW	GXK	CI	BS	QHV	TO	LJ	DY	ER
G	IBLU	OGJ	WAE	HS	KD	PFV	NQ	MR	YX	CT
H	LIYS	HQV	KTB	AU	CP	MJE	WF	DN	XO	GR
I	RDLB	HEM	IUQ	YW	TX	SFC	AV	NO	JK	PG
J	HYDV	LUT	EMX	OG	PK	JBC	SR	FW	IN	QA
K	JOVA	MLK	EGW	QX	RU	CFH	SI	DY	NT	PB
L	CGBV	UHI	LPK	NF	XQ	OSR	AE	MD	TJ	YW
M	HYIU	ANP	WRK	LD	QO	VFM	GC	EX	BT	JS
N	OJUV	RGE	PBC	QI	XY	MWA	NH	TF	SK	LD
O	KNJD	QRE	HMP	XC	LY	BIV	OU	AG	TF	WS
P	WARC	PQE	IVN	UY	HJ	GMT	FK	XB	OL	DS
Q	BWOC	TDV	MEN	LA	IF	QSP	JG	RX	HU	KY
R	CPSQ	EOM	VWI	DH	JA	XGY	UK	LT	NR	FB
S	XHAI	OUB	GKN	PF	DT	EML	QV	SW	YC	JR
T	UAPN	FQS	XRV	YH	BT	IKG	CE	WL	JO	DM
U	IRXA	HGV	MUB	QJ	KW	DPO	NT	YS	FL	EC
V	XUWS	NOJ	KRV	ML	YD	GQI	CP	AH	TE	BF
W	FNGX	SOA	KWV	CQ	IP	JEY	LB	DM	UT	HR
X	VTDM	HKW	IBU	OG	QL	RFS	JY	EX	CP	NA
Y	YOFA	ERV	IHD	LB	SN	GXU	CM	WJ	TP	QK

NAVAIDS				
Id	Name	Channel	Position	Elevation
BCE	Bryce Canyon	75	N3741.35 W11218.23	9040
BIH	Bishop	33	N3722.62 W11821.99	4114
BLD	Boulder	114	N3559.75 W11451.82	3650
BTY	Beatty	94	N3648.54 W11644.86	2925
CDC	Cedar City	120	N3747.24 W11304.90	5463
DAG	Daggett	79	N3457.75 W11634.69	1760
EED	Needles	99	N3445.96 W11428.43	650
GFS	Goffs	91	N3507.87 W11510.59	4019
GRL	Groom Lake	18	N3713.91 W11548.16	4475
HEC	Hector	74	N3447.83 W11627.78	1854
ILC	Wilson Creek	110	N3815.02 W11423.65	9318
INS	Creech AFB	87	N3635.20 W11540.12	3101
LAS	McCarran Intl	116	N3604.78 W11509.59	2142
LSV	Nellis	12	N3614.68 W11501.50	1864
MLF	Milford	58	N3821.62 W11300.79	4977
MMM	Mormon Mesa	90	N3646.16 W11416.65	2120
MVA	Mina	98	N3833.92 W11801.97	7860
OAL	Coale Dale	124	N3800.20 W11746.23	4800
PGS	Peach Springs	57	N3537.48 W11332.67	4754
TPH	Tonopah Muni	119	N3801.84 W11702.01	5330
TQQ	Silverbow	77	N3748.00 W11647.00	5500
UTI	St George	23	N3705.29 W11335.53	2871

GND CHART 01

AERODROME DIAGRAM | VALID 2014

Las Vegas, Nevada **NELLIS AFB (KLSV)**



	RWY	CAT	MINIMA
PAR	21L	A B D E	**2057** - 0.8 200 (200-0.8/1.6) GS 3°
	3R	A B D E	**2057** - 0.8 200 (200-0.8/1.6) GS 3°
SRA	21R	A C D E	**2257** - 1.2 350 (350-1.2/1.6)
	3L	A C D E	**2257** - 1.2 350 (350-1.2/1.6)

ARP
36° 14.060` N
115° 01.058` W

ELEV
1857 [ft]
566 [m]

Scale 1:35`500
0 300 600 900 1200 1500 [m]
0 1000 2000 3000 4000 5000 [ft]

RWY	TORA	TODA	ASDA	LDA	PSN THR	ALS
21L	**10051** [ft] **3063** [m]	**11051** [ft] **3368** [m]	**11051** [ft] **3368** [m]	**10051** [ft] **3063** [m]	36°14.043`N 115°01.018`W	
3R	**10120** [ft] **3084** [m]	**11120** [ft] **3398** [m]	**11120** [ft] **3398** [m]	**10120** [ft] **3084** [m]	36°13.029`N 115°02.038`W	

ATIS	NELLIS GROUND	NELLIS TOWER	NELLIS CONTROL	TACAN	ILS RWY 21L	NELLIS EAST	NELLIS WEST
270.100 MHz	275.800 | 121.800	327.000 | 132.55	317.525	LSV 12X	109.10 Mhz	384.400	385.000

FYTTR THREE DEPARTURE

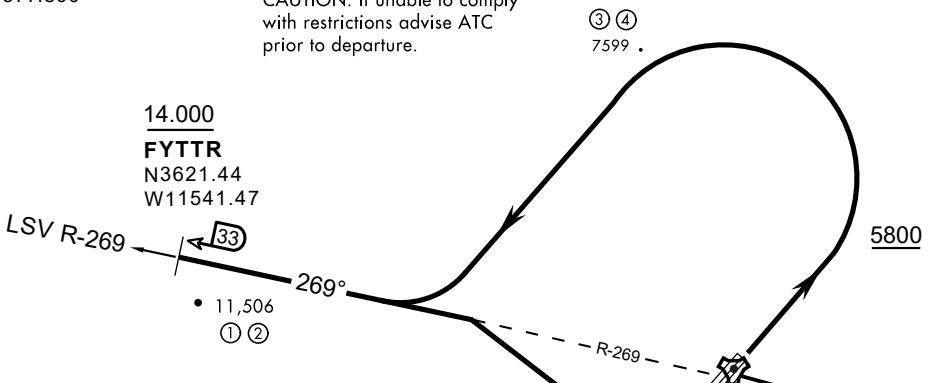
NELLIS AFB (KLSV)
IFR CHART | VALID 2014 LAS VEGAS, NEVADA

ATIS
270.100
NELLIS GROUND
275.800
NELLIS TOWER
327.000
NELLIS CONTROL
317.525
NELLIS DEP/APP EAST
384.400
BLACKJACK
377.800

Rwy	Knots	60	120	180	240	300	360
3L ⓐ	V/V(fpm)	394	788	1182	1576	1970	2364
3R ⓐ	V/V(fpm)	392	784	1176	1568	1960	2352
21L ⓑ	V/V(fpm)	388	776	1164	1552	1940	2328
21R ⓑ	V/V(fpm)	390	780	1170	1560	1950	2340

Minimum Climb Rate
ⓐ to 9300
ⓑ to 13 500

CAUTION: If unable to comply with restrictions advise ATC prior to departure.



① 29.81 NM from Rwy 21L
② 29.67 NM from Rwy 21R
③ 15.43 NM from Rwy 3L
④ 15.57 NM from Rwy 3R

VJABOG32 NTTR NAV CHART

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3L/R

- Fly runway heading until reaching 5,800‘.
- Then climbing left turn to intercept LSV TACAN R-269 outbound.
- Cross FYTTR at or above 14,000‘ or as assigned, then via assigned route.

TAKEOFF RWY 21L/21R

- Turn right to intercept LSV TACAN R-269 outbound.
- Remain within LSV 4 DME until joining LSV R-269
- Cross R-255 between 5,000‘ and 6,000‘.
- Cross FYTTR at or above 14,000‘ or as assigned, then via assigned route.

NOISE ABATEMENT PROCEDURES:
Fly according Nellis Noise Abatement instructions as published

LAS VEGAS, NEVADA

HI-TACAN Y RWY 21L

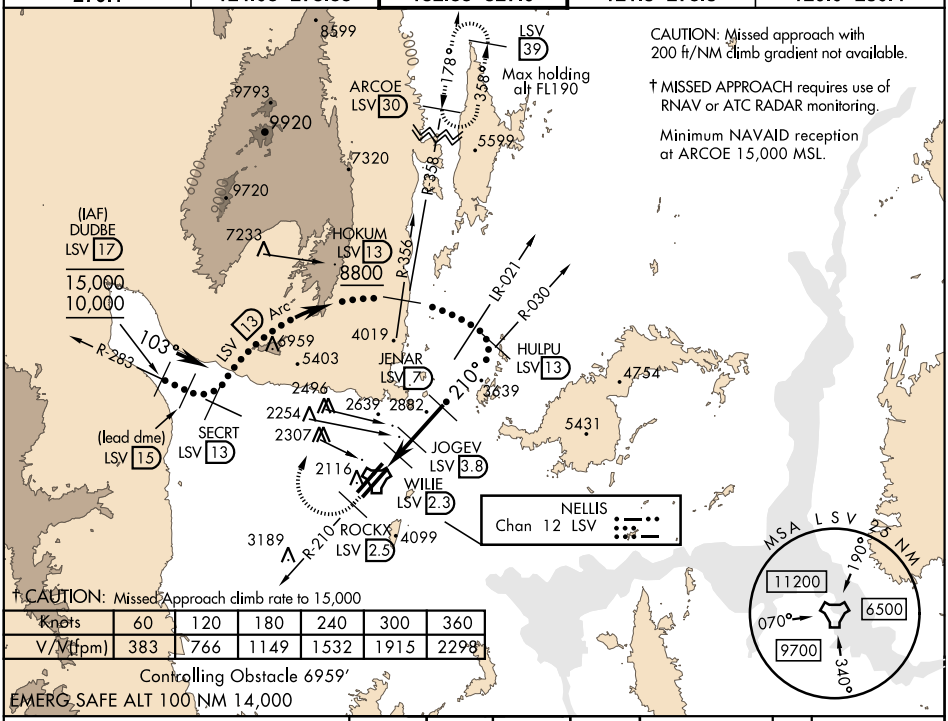
TACAN LSV Chan 12	APCH CRS 210°	Rwy ldg 21L 10,051 TDZE 1865 Arpt Elev 1869	Rwy ldg 21R 10,120 TDZE 1869	JAL-227 [USAF] NELLIS AFB (KLSV)

* When ALS inop, increase CAT CDE vis to 1¾ miles.
** Circling not authorized E of Rwy 3R-21L.

ALSF-1 A1

† MISSED APPROACH: Climb to 15,000, intercept LSV TACAN R-210 to 2.5 DME (ROCKX), then climbing right turn heading 020° to join LSV R-358 to ARCOE and hold, continue climb in hold to 15,000. Missed approach not for civil use.

ATIS	NELLIS APP CON	NELLIS TOWER	GND CON	CLNC DEL
270.1	124.95 273.55	132.55 327.0	121.8 275.8	120.9 289.4



SW-4, 05 DEC 2019 to 02 JAN 2020

† CAUTION: Missed Approach climb rate to 15,000

Knots	60	120	180	240	300	360
V/V(fpm)	383	766	1149	1532	1915	2298

Controlling Obstacle 6959'

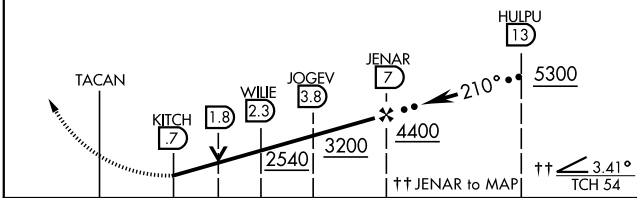
EMERG SAFE ALT 100 NM 14,000

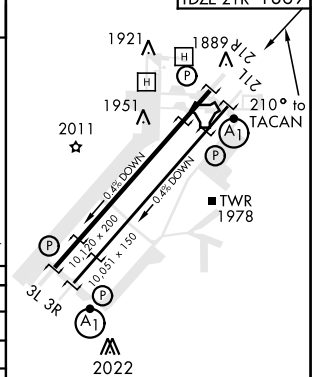
VGSI and descent angles not coincident (VGSI angle 3.00/TCH 54).

15,000 LSV R-210	ROCKX LSV 2.5	hdg 020°	ARCOE R-358 30

ELEV 1869

TDZE 21L 1865
TDZE 21R 1869





CATEGORY	C	D	E
S-21L *	2460-1¼ 595 (600-1¼)		
SIDESTEP 21R	2460-1 591 (600-1)		
C CIRCLING **	2620-2¼ 751 (800-2¼)	2840-3 971 (1000-3)	3040-3 1171 (1200-3)

HIRL all Rwy

SW-4, 05 DEC 2019 to 02 JAN 2020

INDIAN SPRINGS, NEVADA

TACAN INS	APCH CRS		
Chan 87	065 °	Rwy ldg	9002
		TDZE	3133
		Arpt Elev	3113

INDIAN SPRINGS AF AUX (KINS)

* MISSED APPROACH: Straight ahead to INS TACAN, intercept INS R-114 outbound, cross 17 DME at or above 9500, then direkt KSV TACAN

NELLIS CON	CREECH AFB TOWER	GND CON
-	118.30 L 360.60	- L

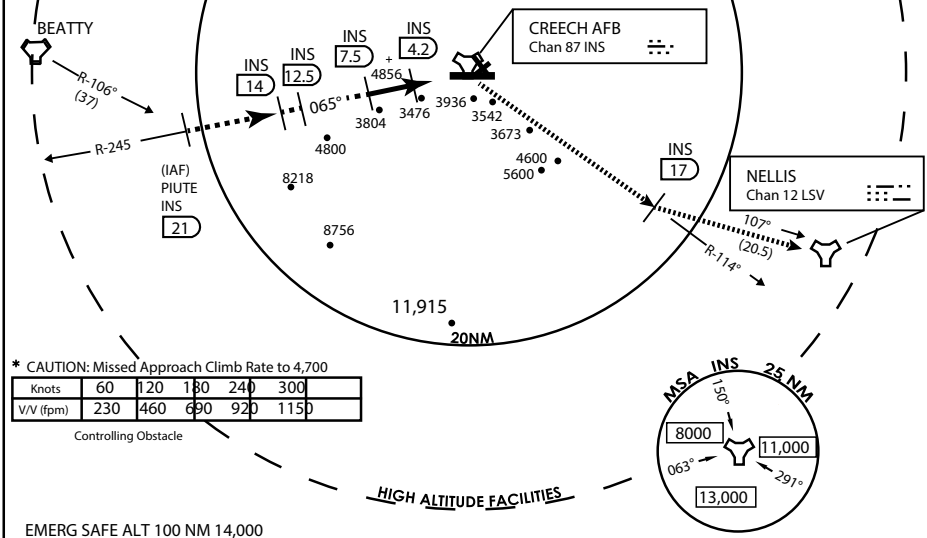
NOT FOR CIVIL USE

FOR USE UNDER BASIC VFR WEATHER MINIMUMS ONLY

PILOT IS RESONPSIBLE FOR TERRAIN/OBSTACLE AVOIDANCE AND APPROPRIATE VFR CLOUD CLEARANCE FOR ALL

CAUTION: Descent gradients are greater than allowed under standard TERPS criteria and inbound coruse does not meet straight-in criteria

CAUTION: Final apporach course crosses Runway centerline at MIDFIELD. Maneuvering left of course required prior to landing. Do not Maneuver farther north than the INS R-258

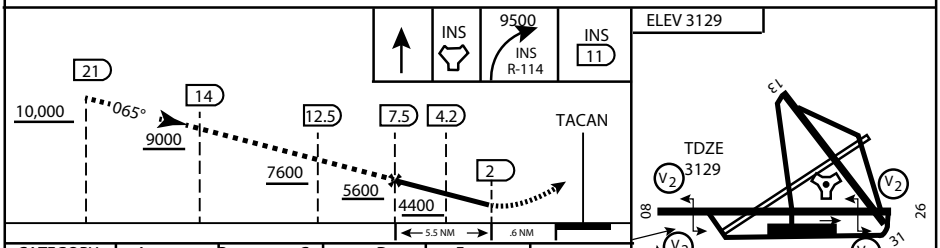


* CAUTION: Missed Approach Climb Rate to 4,700

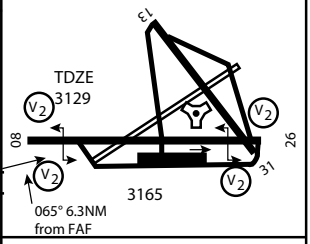
Knots	60	120	180	240	300
V/V (fpm)	230	460	690	920	1150

Controlling Obstacle

EMERG SAFE ALT 100 NM 14,000



ELEV 3129



CATEGORY	A	B	C	D	E
S-8	3760-1 ½ 627 (700-1 ½)			3760-1¾ 627 (700-1¾)	3760-2 627 (700-2)	3760-2¼ 627 (700-2¼)
CIRCLING	NOT AUTHORIZED				

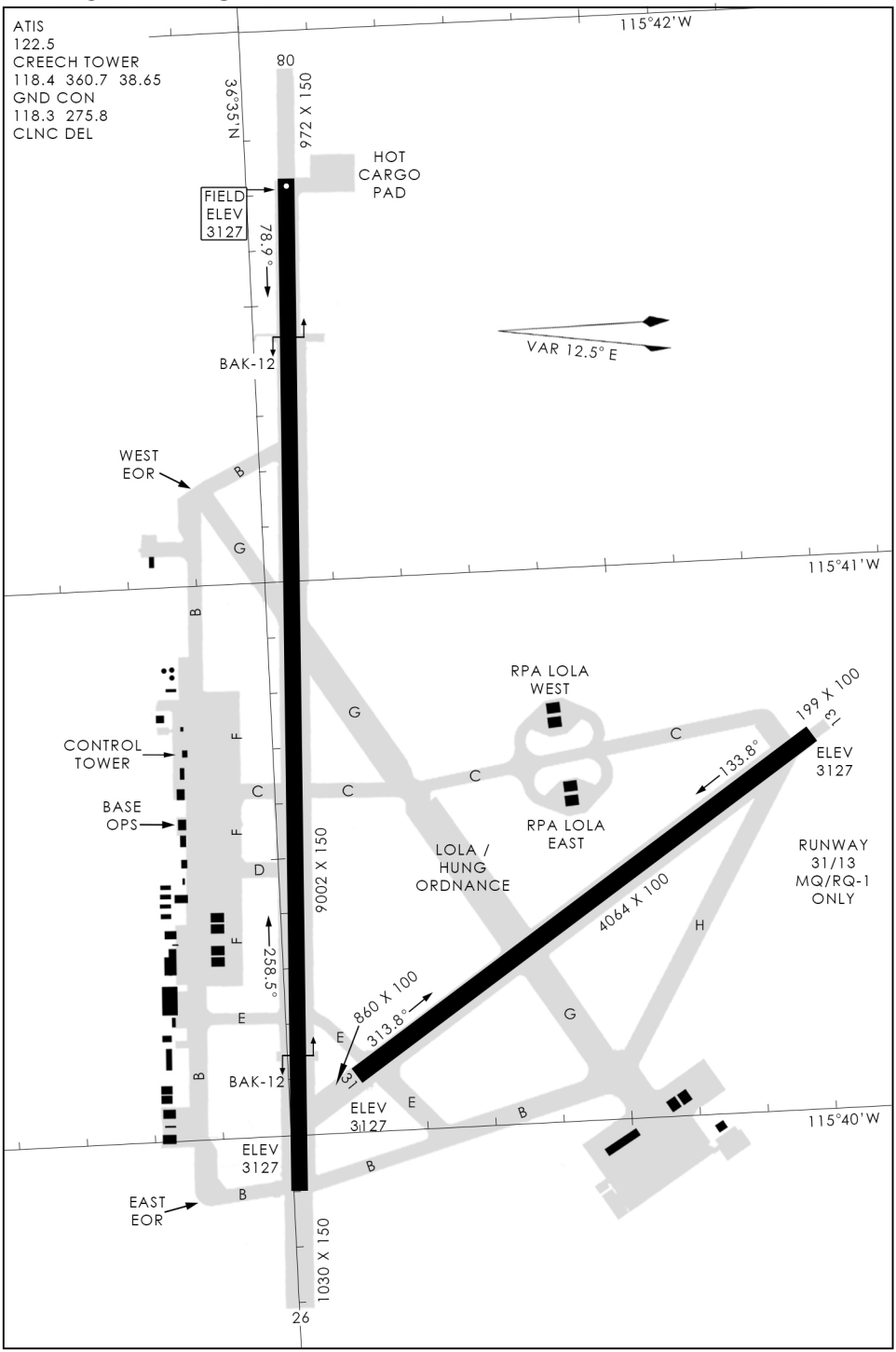
MIRL Rwy 8-26

CITY OF INDIAN, NEVADA

INDIAN SPRINGS AF AUX (KINS)

(FOR DAY VFR USE ONLY)

Modified by vJaBoG 66 for use with DCS
NOT FOR REAL LIFE NAVIGATION



476 vFG JAN 2019
476 vFG JAN 2019